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$C_3H_3O_3N_3$, from α-methazonic anhydride and water (STEINKOPF, BOHRMANN, GRÜNUPP, KIRCHHOFF, JÜRGENS, and BENEDEK), A., i, 308.

$C_3H_5N_5S_2$, from diguanide and carbon disulphide (RACKMANN), A., i, 897.

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$C_4H_2O_2Cl_4Hg_3$, from mercury chloroacetylide, mercuric chloride and sodium acetate (HOFMANN and KIRMREUTHER), A., i, 17.

$C_5H_{10}O_3$, from isovaleraldehyde and ozone (HARRIES and KOETSCHAU), A., i, 607.

$C_5H_7O_3N$, from *d*-glutamic acid (ABDERHALDEN and KAUTZSCH), A., i, 769.

$C_5H_{10}O_4N_6$, from triazomethylcarbimide and water (FORSTER and MÜLLER), T., 1063.

$C_6H_2Cl_{12}$, from action of silent electric discharge on chloroform (LOSANITSCH), A., i, 1.

$C_6H_{10}ON_6$, from 7-hydroxy-5-methyl-1:2:4:9-benztetrazole and hydrazine (BÜLOW and HAAS), A., i, 596.

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$C_6H_4O_4N_3HgNa$, from 4-imino-2:6-diketodihydropyrimidine-3-acetic acid and mercuric oxide (FARBENFABRIKEN VORM. F. BAYER & CO.), A., i, 804.

$C_7H_{14}O_3$, from heptaldehyde, ozone, and ethyl chloride (HARRIES and KOETSCHAU), A., i, 607.

$C_7H_7O_2Cl$, from αγ-dimethylglutaconic acid and phosphorus pentachloride (FEIST and REUTER), A., i, 10.

$C_7H_{13}O_4N$, from α-aminoglutaric acid, aurichloride of (ENGELAND), A., i, 843.

$C_7H_4O_5SHgNa_2$, from hydroxymercury-benzoic anhydride and sodium sulphite (SCHOELLER and SCHRAUTH), A., i, 460.

$C_8H_{16}O_3$, from octaldehyde and ozone (HARRIES and KOETSCHAU), A., i, 607.

Substance, $C_8H_{17}N$, reduction product of η-chloro-octylamine and its salts (GABRIEL), A., i, 229.

$C_8H_9O_2N_3$, from aniline and nitroacetonitrile (STEINKOPF, BOHRMANN, GRÜNUPP, KIRCHHOFF, JÜRGENS, and BENEDEK), A., i, 307.

$C_8H_{10}O_2N_2$, from phenyltriazomethylcarbamide and sodium carbonate (FORSTER and MÜLLER), T., 1065.

$C_8H_{10}O_3N_4$, from 4:5-diamino-2:6-diketo-1:3-dimethylpyrimidine (FARBENFABRIKEN VORM. F. BAYER & Co.), A., i, 79.

$C_8H_{14}O_2N_2$, from acetonecyanohydrin and hydrogen chloride (ULTÉE), A., i, 15.

$C_8H_5ON_4K$, from *p*-triazobenzaldehyde and potassium cyanide (FORSTER and JUDD), T., 260.

$C_9H_{10}O_3$, from nonaldehyde and ozone (HARRIES and KOETSCHAU), A., i, 607.

$C_9H_{11}O_2$, additive compound of quinol and acetone (SCHMIDLIN and LANG), A., i, 837.

$C_9H_{12}O_3$, additive product of catechol and acetone (SCHMIDLIN and LANG), A., i, 837.

$C_9H_{12}O_7$, from the interaction of ethyl malonate, sodium ethoxide, and iodine (KOMNENOS), A., i, 542.

$C_9H_{16}O_3$, from oxidation of 1:3-dimethyl-5-methylene-Δ^3-cyclohexene (AUWERS and PETERS), A., i, 826.

$C_9H_8O_5N_2$, from 1-chloro-2:4-dinitrobenzene and sodioacetone (REITZENSTEIN and STAMM), A., ii, 358.

$C_9H_8OS_2$, from acetophenone and carbon disulphide, and its derivatives (KELBER), A., i, 391.

$C_9H_{11}O_2N$, from coal tar (SCHULTZ and SZÉKELY), A., i, 725.

$C_9H_{11}O_2N_3$, from *o*-toluidine and nitroacetonitrile (STEINKOPF, BOHRMANN, GRÜNUPP, KIRCHHOFF, JÜRGENS, and BENEDEK), A., i, 307.

$C_9H_{17}O_4N$, from α-aminoglutaric acid, auri-chloride of (ENGELAND), A., i, 843.

$C_{10}H_{16}O$, from polymeride of crotonaldehyde (DELÉPINE), A., i, 219. from the seeds of *Monodora grandiflora* (LEIMBACH), A., i, 186.

$C_{10}H_{18}Cl_2$, from isothujene (KONDAROFF and SKWORZOFF), A., i, 755.

$C_{10}H_8ON_2$, from quinoline and cyanogen bromide (v. BRAUN), A., i, 189.

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$C_{10}H_{11}O_3N_3$, from methyl 1-phenyl-5-triazolone-4-carboxylate and alcoholic hydrogen sulphide (DIMROTH, AICKELIN, BRAHN, FESTER, and MERCKLE), A., i, 519.

$C_{10}H_{12}O_2N_2$, from 4-keto-2-benzyl-4:5-dihydroglyoxaline and water (FINGER and ZEH), A., i, 591.

$C_{10}H_{13}O_2N_3$, from *m*-xylidine and nitroacetonitrile (STEINKOPF, BOHRMANN, GRÜNUPP, KIRCHHOFF, JÜRGENS, and BENEDEK), A., i, 307.

$C_{10}H_{18}O_2N_2$, isomeride of α-limonenehydroxylamineoxime (CUSMANO), A., i, 686.

$C_{10}H_{20}O_2N_2Cl_2$, from isomeride of α-limonenehydroxylamineoxime (CUSMANO), A., i, 686.

$C_{11}H_{14}O_6$, from ethylmethylacetonedicarboxylate (FEIST and POMME), A., i, 9.

$C_{11}H_7O_8N_3$, from pyridine and 1:3-dichloro-4:6 dinitrobenzene, salts of (ZINCKE and WEISPFENNING), A., i, 585.

$C_{11}H_{17}O_2N$, from action of sodium hydrate on cyanocarone (CLARKE and LAPWORTH), T., 15.

$C_{11}H_{22}O_2N_2$, from 4-methylamino-1:2:2:4-dimethyl-5-pyrrolidone and ethylene oxide (KOHN and BUM), A., i, 137.

$C_{11}H_{11}OBrS_2$, from dimethyl ether of $C_9H_8OS_2$ (KELBER), A., i, 391.

$C_{11}H_{12}OBr_2S_2$, from dimethyl ether of $C_9H_8OS_2$ (KELBER), A., i, 391.

$C_{12}H_{14}$, from action of silent electric discharge on benzene and hydrogen (LOSANITSCH), A., i, 2.

$C_{12}H_8O$, from acenaphthenequinone, and its magnesium salts (KALLE & Co.), A., i, 752.

$C_{12}H_{14}O_2$, additive compound of phenol and cyclohexanone (SCHMIDLIN and LANG), A., i, 837.

$C_{12}H_{18}O_4$, additive compound of resorcinol and acetone (SCHMIDLIN and LANG), A., i, 837,

$C_{12}H_{22}O$, from lauryl chloride by the action of heat (BISTRZYCKI and LANDTWING), A., i, 87.

$C_{12}H_{22}O_2$, from polymeride of crotonaldehyde (DELÉPINE), A., i, 219.

$C_{12}H_8O_4S_2$, from oxidation of diphenylene *p*-disulphoxide ($+2H_2O$), (HILDITCH), T., 2588.

Substance, $C_{12}H_9O_7N_3$, from betaine, $C_{12}H_7O_6N_3$, and sodium hydroxide (ZINCKE), A., i, 556.

$C_{12}H_{10}O_5N_2$, from the action of nitrous acid on ethyl 1-imino-hydrindene-2-carboxylate (MITCHELL and THORPE), T., 2272.

$C_{12}H_{13}O_8N$, oxime from ethyl tetrahydroxybenzenedicarboxylate (LEUCHS and THEODORESCU), A., i, 396.

$C_{12}H_{14}O_7N_2$, oxime from the aldehydic ester, $C_{22}H_{21}O_{12}N$ (LEUCHS and THEODORESCU), A., i, 396.

$C_{12}H_{16}O_2N_2$, from the action of nitrous acid on the β-condensation product of *m*-4-xylidine and acetaldehyde (JONES and WHITE), T., 642.

$C_{12}H_{17}OI$, from phenoxyhexylene (DIONNEAU), A., i, 354.

$C_{12}H_{18}O_2N_4$, from hexamethylenetetramine and resorcinol (GRISHKEWITSCH-TROCHIMOWSKY), A., i, 108.

$C_{12}H_{19}O_5N$, condensation product from acetonecyanohydrin and hydrogen chloride (ULTÉE), A., i, 15.

$C_{12}H_{21}O_{13}N$, from the nitration of cellulose (CRANE and JOYCE), A., i, 364.

$C_{12}H_5O_7N_2Na_2$, from oxidation of aniline-*p*-sulphonic acid (REITZENSTEIN), A., i, 703.

$C_{13}H_{10}O_3$, from the condensation of cyclobutan-1:3-dione in the presence of quinoline (CHICK and WILSMORE), T., 1998; P., 217.

$C_{13}H_{12}O_4$, from oxypeucedanin by the action of sulphuric acid (HERZOG and KROHN), A., i, 125.

$C_{13}H_{12}N_2$, from dehydracetic acid (BENARY), A., i, 435.

$C_{13}H_{14}O_5$, and its acetyl derivative and phenylmethane, from oxypeucedanin (HERZOG and KROHN), A., i, 125.

$C_{13}H_{20}O_2$, from α-cyclogeraniol (BOUVEAULT)), A., i, 380.

$C_{13}H_{15}O_2N_3$, from ethyl α-cyano-α-ketobutyrate phenylhydrazone (WISLICENUS and SILBERSTEIN), A., i, 539.

$C_{13}H_{19}ON$, α- and β-isomerides from ψ cumidine and acetaldehyde (JONES and WHITE), T., 643.

$C_{13}H_{26}O_2N_2$, from 4-ethylamino-2:2:3-trimethyl-1-ethyl-5-pyrrolidone and ethylene oxide (KOHN and BUM), A., i, 137.

$C_{13}H_8O_7N_2S$, and its methyl ester (MAYER), A., i, 261.

Substance, $C_3H_{18}O_3NI_3$, from di-iodotyrosine, methyl iodide and potassium hydroxide (WHEELER and JOHNS), A., i, 114.

$C_{14}H_{12}O_6$, from extract of red clover flowers (POWER and SALWAY), T., 243; P., 20.

$C_{14}H_{12}O_6$, from isogalloflavin trimethyl ether (HERZIG, ERDÖS, and RUZICKA), A., i, 676.

$C_{14}H_{14}O_5$, from $\alpha\gamma$-dimethylglutaconic acid and phosphorus pentachloride, and its anilide and methyl hydrogen ester (FEIST and REUTER), A., i, 10.

$C_{14}H_{12}ON_2$, from salicylideneaniline and potassium cyanide (ROHDE and SCHÄRTEL), A., i, 776.

$C_{14}H_{14}O_2N_2$, from 4-keto-2-benzyl-4:5-dihydroglyoxaline (FINGER and ZEH), A., i, 591.

$C_{14}H_{14}O_3N_2$, from ethyl 1-cyanocyclopropane-1-carboxylate (MITCHELL and THORPE), T., 1001.

$C_{14}H_{14}O_5Br_2$, from $C_{14}H_{14}O_5$ and bromine (FEIST and REUTER), A., i, 10.

$C_{14}H_{17}O_4N$, from *p*-ethoxyphenylmaleimide and its sodium derivative (PIUTTI), A., i, 23.

$C_{14}H_{11}O_3N_2Cl$, from nitrosobenzene and methyl 5-chloroanthranilate (FREUNDLER), A., i, 446.

$C_{14}H_{23}O_3NCl_2$, from carpaine hydrochloride and chlorine (BARGER), T., 472; P., 53.

$C_{14}H_{15}O_2NCl_5Sb$, from di-*p*-anisylamine and antimony pentachloride (WIELAND and WECKER,), A., i, 243.

$C_{15}H_{10}O_6$, from extract of red clover flowers and its acetyl derivative (POWER and SALWAY), T., 239; P., 20.

$C_{15}H_{14}O_4$, condensation product of catechol and acetone (SCHMIDLIN and LANG), A., i, 837.

$C_{15}H_{16}O_7$, from isogalloflavin trimethyl ether (HERZIG, ERDÖS, and RUZICKA), A., i, 677.

$C_{15}H_{18}O_3$, additive compound of phenol and acetone (SCHMIDLIN and LANG), A., i, 837.

$C_{15}H_{20}O$, from the essential oil of hyacinths (ENKLAAR), A., i, 123.

$C_{15}H_{20}O_4$, from action of sodium methoxide on $C_{14}H_{14}O_5$ (FEIST and REUTER), A., i, 10.

$C_{15}H_{24}O_4$, from rhizome of *Cimicifuga racemosa* (FINNEMORE), A., ii, 801.

$C_{15}H_{24}O_8$, additive compound of acetone and pyrogallol (SCHMIDLIN and LANG), A., i, 837.

Substance, $C_{15}H_{26}O$, from diethyl ketone and methyl iodide (HALLER and BAUER), A., i, 300.

$C_{15}H_{13}O_2N$, from phenylhydroxylamine on benzoylacetaldehyde (ALESSANDRI), A., i, 753.

$C_{15}H_{13}ONS$, from aniline and a substance from acetophenone (KELBER), A., i, 391.

$C_{15}H_{13}ON_3S$, from 5-thion-1:4-diphenylurazole (NIRDLINGER and ACREE), A., i, 786.

$C_{15}H_{24}O_9N_3K_3$, from *s*-trinitrobenzene and potassium propoxide (BUSCH and KÖGEL), A., i, 474.

$C_{15}H_{22}ONCl_4Fe$, ferrichloride of the additive compound of tropine and benzyl chloride (SCHOLTZ), A., i, 97.

$C_{16}H_{10}O_7$, from extract of red clover flowers and its acetyl derivative (POWER and SALWAY), T., 236; P., 20.

$C_{16}H_{16}O_9$, from isogalloflavin trimethyl ether (HERZIG, ERDÖS, and RUZICKA), A., i, 676.

$C_{16}H_{30}O$, from action of silent electric discharge on ethylene (LOSANITSCH), A., i, 1.

$C_{16}H_8O_2S_2$, from oxidation of "thioindigo" (DANAÏLA), A., i, 411.

$C_{16}H_8O_4S_2$, from oxidation of "thioindigo" (DANAÏLA), A., i, 411.

$C_{16}H_8O_3S_2$, from oxidation of "thioindigo" (DANAÏLA), A., i, 411.

$C_{16}H_{10}O_7N_4$, from picryl-α-naphthylamine and silver oxide (BUSCH and KÖGEL), A., i, 473.

$C_{16}H_{11}O_7N_3$, from 3:5-dinitro-4-hydroxybenzoic acid and quinoline (MORGENSTERN), A., i, 483.

$C_{16}H_{13}O_3N$, from safrole and nitrosobenzene, 2 isomerides (ANGELI, ALESSANDRI, and PEGNA), A., i, 552.

$C_{16}H_{13}O_3N$, from chrysophanic acid methyl ether and ammonia ($+\frac{1}{2}H_2O$) (OESTERLE and JOHANN), A., i, 860.

$C_{16}H_{14}O_6N_4$, from dinitrophenyldipyridinium dichloride and alkali, and its salts (ZINCKE and WEISPFENNING), A., i, 585.

$C_{16}H_{21}O_2N$, from dimethylketen and benzylidenemethylamine (STAUDINGER, KLEVER, and KOBER), A., i, 588.

$C_{16}H_{21}O_8P$, from picrotin and phosphorus pentachloride (HORRMANN), A., i, 577.

$C_{16}H_{14}ON_2S$, condensation product of 3-oxy-1-thionaphthen with *p*-nitrosodimethylaniline (BADISCHE ANILIN- & SODA-FABRIK), A., i, 60.

Substance, $C_{16}H_{12}O_8N_2S_2Na_2$, from 1-naphthol-4-sulphonic acid, phenylhydrazine and sodium hydrogen sulphite (BUCHERER and SONNENBURG), A., i, 145.

$C_{17}H_{16}N_2$, from interaction of magnesium phenyl bromide and 3:3-dimethylindolenine-2-carboxylonitrile, and its oxime and *p*-nitrophenylhydrazone (PLANCHER and GIUMELLI), A., i, 63.

$C_{17}H_{12}O_7N_2$, from 3:5-dinitro-4-hydroxybenzoic acid and naphthalene (MORGENSTERN), A., i, 482.

$C_{17}H_{14}O_6Br_2$, from the reduction of β-bromocarmin (ROHDE and DORFMÜLLER), A., i, 492.

$C_{17}H_{23}O_3N_3$, from *d*-leucyl-*l*-tryptophan (FISCHER), A., i, 22.

$C_{17}H_{26}O_2Cl_8$, from fatty acids in cod liver oil (HEIDUSCHKA and RHEINBERGER), A., i, 297.

$C_{17}H_{11}O_6N_4Cl$, from picryl chloride and methyl-α-naphthylamine (BUSCH and KÖGEL), A., i, 473.

$C_{17}H_{14}O_4N_2S_2$, from immedial-indone (FRANK), T., 2045; P., 218.

$C_{17}H_{15}N_2Cl_3Hg_2$, from dinitrophenylpyridinium chloride and *p*-aminophenyl mercuriacetate (REITZENSTEIN and STAMM), A., i, 348.

$C_{17}H_{26}O_2Cl_4I_4$, from fatty acids of cod liver oil (HEIDUSCHKA and RHEINBERGER), A., i, 297.

$C_{17}H_{27}O_2BrMg$, from action of magnesium on *p*-tolyl ethyl ketone and allyl bromide (GRISHKEWITSCH-TROCHIMOWSKY), A., i, 109.

$C_{17}H_{16}ON_2Cl_2Hg_2$, from dinitrophenylpyridinium chloride and *p*-aminophenyl mercuriacetate (REITZENSTEIN and STAMM), A., i, 348.

$C_{18}H_{12}O_8$, from kermesic acid and hydriodic acid (DIMROTH), A., i, 488.

$C_{18}H_{16}O_6$, from 3-hydroxymethylfluorone (KEHRMANN and JONES), A., i, 409.

$C_{18}H_{20}O_9$, from isogalloflavin trimethyl ether (HERZIG, ERDÖS, and RUZICKA), A., i, 676.

$C_{18}H_{11}O_7N$, from ester, $C_{20}H_{13}O_6N$ (WILLGERODT and MAFFEZZOLI), A., i, 679.

$C_{18}H_{12}O_2S_3$, from $C_9H_8OS_2$ and ammonium persulphate (KELBER), A., i, 391.

$C_{18}H_{16}O_2N_2$, from isobenzylglyoxalidone and sodium hydroxide (FINGER and ZEH), A., i, 591.

$C_{18}H_{19}O_3N$, from ethyleugenol and nitrosobenzene (ANGELI, ALESSANDRI, and PEGNA), A., i, 553.

Substance, $C_{18}H_{24}O_4N_4$, from hexamethylenetetramine and catechol (GRISHKEWITSCH-TROCHIMOWSKY), A., i, 108.

$C_{19}H_{12}O_4$, from 3-phenylpyrazoisocoumarazone and resorcinol (MICHAELIS and LEO), A., i, 516.

$C_{19}H_{14}O_5$, from 3-methylpyrazoisocoumarazone and resorcinol (MICHAELIS and LEO), A., i, 516.

$C_{19}H_{28}O_{10}$, from biliary acids (PREGL), A., i, 321.

$C_{19}H_{14}O_7N_2$, from 3:5-dinitro-4-hydroxybenzoic acid and acenaphthene (MORGENSTERN), A., i, 482.

$C_{19}H_{16}O_2Cl_2$, from 2:5-dihydroxytriphenylcarbinol (V. BAEYER, AICKELIN, DIEHL, HALLENSLEBEN, and HESS), A., i, 249.

$C_{19}H_{18}O_2N_2$, from *p*-benzoquinone and diaminodiphenylmethane (SIEGMUND), A., 749.

$C_{19}H_{19}N_2ClHg$, from 3-mercury-*p*-toluidine and dinitrophenylpyridinium chloride (REITZENSTEIN and STAMM), A., i, 348.

$C_{20}H_{22}O_5$, from methyl chloroformate and ostruthin (HERZOG and KROHN), A., i, 125.

$C_{20}H_{31}O_8$, from *Adenium Hongkel* (PERROT and LEPRINCE), A., ii, 151.

$C_{20}H_{13}O_4N_3$, azo-dye from *o*-aminophthalanil (RUPE and THIESS), A., i, 73.

$C_{20}H_{14}N_2S_2$, from diazotriphenylpyrrole (ANGELICO and LABISI), A., i, 445.

$C_{20}H_{21}O_3Cl_3$, 2 isomerides from $\beta\beta$-dichloro-$\alpha\gamma$-dianisylidenepropane and methyl alcohol (STRAUS, LUTZ, and HÜSSY), A., i, 564.

$C_{20}H_{22}O_5N_2$, from 1:3-dioximino-2-cyclohexanone with sodium ethoxide and benzoyl chloride (BORSCHE), A., i, 178.

$C_{20}H_{12}O_3N_4S_4$, from 3-cyano-2:4-diketo-5-benzylidenetetrahydrothiophen and barium hydroxide (BENARY), A., i, 580.

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5-Thiol-1:4-diphenyl*endo*-oxydihydrotriazole, *di*sulphide, sodium, and benzoyl derivatives (BUSCH, REINHARDT, and LIMPACH), A., i, 142.
6-Thiol-4-ketopenthiophenthiophen-5-carboxylic acid, 3-hydroxy-, ethyl ester (APITZSCH and KELBER), A., i, 410.
2- and 8-Thiolnaphthalene-1-carboxylic acids (FARBWERKE VORM. MEISTER, LUCIUS, & BRÜNING), A., i, 263.
2-Thiol-5-(or 4-)phenyl-4-(or 5-)ethylglyoxaline (HILDESHEIMER), A., i, 891.
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o-**Thymotic acid** and its silver and sodium salts, methyl and ethyl esters, and two isomeric thymotides (SPALLINO and PROVENZAL), A., i, 38.
o-**Thymyloxyacetic acid** (BÉHAL and TIFFENEAU), A., i, 375.
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(*Tolyl compounds*, *Me* = 1.)
Tolane, 4:4′-*di*chloro-, and its *di*- and *tetra*-chlorides, and 3:4:3′-4′-*tetra*chloro-, *tetra*chloride (KENNER and WITHAM), T., 1960; P., 219.
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m-**Tolualdehyde**, nitro-ω-chloroacetylamino- (EINHORN and GÖTTLER), A., i, 113.
p-**Tolualdehyde**, action of light on, in presence of iodine (MASCARELLI and RUSSI), A., i, 746.
nitro-ω-chloroacetylamino- (EINHORN and GÖTTLER), A., i, 113.
p-**Tolualdehyde-*p*-bromophenylhydrazone** (GRAZIANI), A., i, 778.
p-**Tolualdehyde-β-naphthylhydrazone** (PADOA and GRAZIANI), A., i, 510.
p-**Tolualdehyde-phenyl-*o*- and *m*-tolylhydrazones** (PADOA and GRAZIANI), A., i, 135.
p-**Tolualdehyde-1:2:4-, 1:3:5, 1:3:4- and 1:4:5-, xylylhydrazone** (PADOA and GRAZIANI), A., i, 510, 778.
m-**Toluamide**, 6-nitro- (WHEELER and HOFFMAN), A., i, 666.
Tolu*tri*bromoresazine (HEIDUSCHKA and SCHELLER), A., i, 397.
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*tri*nitro-, additive compounds of, with arylamines (SUDBOROUGH and BEARD), T., 773; P., 71.
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p-**Tolueneazoacethydrazide** (DIMROTH and DE MONTMOLLIN), A., i, 899.
p-**Tolueneazodiacetylhydrazine** (DIMROTH and DE MONTMOLLIN), A., i, 899.
4-Tolueneazo-1:3-diphenyl-5-pyrazolone-2′-carboxylic acid (MICHAELIS and LEO), A., i, 516.

(*Tolyl compounds, Me*=1.)

3-*o*-Toluenеazoglutacononic acid, ethyl ester, *o*-tolylhydrazone (HENRICH, REICHENBURG, NACHTIGALL, THOMAS, and BAUM), A., i, 901.

3-*p*-Toluenеazoglutacononic acid, ethyl ester, *p*-tolylhydrazone (HENRICH, REICHENBURG, NACHTIGALL, THOMAS, and BAUM), A., i, 901.

5-*p*-Toluenеazo-8-hydroxyquinoline, and its derivatives (FOX), T., 1341.

4-Toluenеazo-5-hydroxytriazole-1-acetylbenzylidenehydrazide (CURTIUS and CALLAN), A., i, 788.

4-Toluenеazo-5-hydroxytriazole-1-acetylglycinebenzylidenehydrazide (CURTIUS and CALLAN), A., i, 788.

***p*-Toluenеazo-β-naphthylamine** (CHARRIER), A., i, 287.

5-*o*-Toluenеazo-1-*o*-tolyl-6-pyridazone-3-carboxylic acid, ethyl ester (HENRICH, REICHENBURG, NACHTIGALL, THOMAS, and BAUM), A., i, 901.

1- and 2-*p*-Toluenesulphonaminoanthraquinones (ULLMANN), A., i, 751.

***p*-Toluenesulphonic acid**, 2:5-diphenylphenyl ester of (FICHTER and WALTER), A., i, 29.

***p*-Toluenesulphonmethyl-*p*-nitroanilide** (AKTIEN-GESELLSCHAFT FÜR ANILIN-FABRIKATION), A., i, 727.

Toluene-ω-sulphonyl-*p*-aminobenzene-azo-β-naphthol (MORGAN and PICKARD), T., 57.

***p*-Toluenesulphonylaziminotoluene** (ULLMANN and GROSS), A., i, 886.

***p*-Toluenesulphonyl bromide**, and 3-bromo-, chloride (ZINCKE and FROHNEBERG), A., i, 315.

***p*-Toluenesulphonyl chloride** 2-nitro-, electrolytic reduction of (FICHTER and BERNOULLI), A., i, 20.

***p*-Toluenesulphonylmethyl-3-amino-*p*-toluidide** (ULLMANN and GROSS), A., i, 886.

***p*-Toluenesulphonylmethyl-3-nitro-*p*-toluidide** (ULLMANN and GROSS), A., i, 886.

***p*-Toluenesulphonylmethyl-3:5-*di*nitro-*p*-toluidide** (ULLMANN and GROSS), A., i, 886.

***p*-Toluenesulphonylmethyl-*p*-phenylenediamine** (AKTIEN-GESELLSCHAFT FÜR ANILIN-FABRIKATION), A., i, 727.

***p*-Toluenesulphonylnaphthastyril** (ULLMANN and CASSIRER), A., i, 201.

Toluene-ω-sulphonyl-*p*-nitroaniline (MORGAN and PICKARD), T., 56.

***p*-Toluenesulphonyl-3-nitro-*p*-toluidide** (ULLMANN and GROSS), A., i, 886.

(*Tolyl compounds, Me*=1.)

***p*-Toluenesulphonyl-3:5-*di*nitro-*p*-toluidide**, nitro- (ULLMANN and GROSS), A., i, 886.

Toluene-ω-sulphonyl-*p*-phenylenediamine (MORGAN and PICKARD), T., 56.

Toluene-ω-sulphonyl-*p*-phenylenediazoimide (MORGAN and PICKARD), T., 57.

***p*-Toluenesulphonyltolylene-3:4-diamine**, and its hydrochloride (ULLMANN and GROSS), A., i, 886.

o-, *m*-, and ***p*-Toluic acid**, menthyl esters of (COHEN and DUDLEY), T., 1749.

***m*-Toluic acid**, 5-iodo-4-amino, and its ethyl ester (WHEELER and HOFFMAN), A., i, 666.

***p*-Toluic acid**, *p*-tolyl ester of (MASCARELLI and RUSSI), A., i, 746.

o- and ***m*-Toluidine**, absorption spectra of (PURVIS), T., 1551.

***o*-Toluidine**, 5-iodo-6-nitro-, and 3:6-di-iodo- (WHEELER and BRAUTLECHT), A., i, 663.

***m*-Toluidine**, 2-iodo-, and its acetyl derivative (WHEELER and LIDDLE), A., i, 18.

4-iodo-, phenylthiocarbamide derivative, 5-iodo-, and 4:5-*di*-iodo-, and their acetyl derivatives (WHEELER and SCHOLES), A., i, 663.

2:4-*di*-iodo-, and 2:4:6-*tri*-iodo-, and their derivatives (WHEELER and HOFFMAN), A., i, 662.

2:6-*di*-iodo-, and its hydrochloride (WHEELER and BRAUTLECHT), A., i, 663.

***p*-Toluidine**, and its condensation product with acetaldehyde, absorption spectra of (PURVIS), T., 644; P., 56.

3-iodo-, and its hydrochloride, oxalate, and acetyl and benzoyl derivatives (WHEELER and LIDDLE), A., i, 17.

5-iodo-3-nitro- (WHEELER and SCHOLES), A., i, 663.

3:5-*di*-iodo-, acetyl derivative of (WHEELER and LIDDLE), A., i, 18.

Toluidines, xylenes and nitrotoluenes freezing mixtures of (FISCHER), A., i, 309.

***o*-Toluidine-5-sulphonic acid**, 3-chloro- (BADISCHE ANILIN- & SODA-FABRIK), A., i, 271.

Toluidinobenzoic acid, 3:5-*di*nitro- (ZINCKE), A., i, 556.

7-*p*-Toluidino-3:6-dimethylphenoxazine, and its derivatives (BÖRNSTEIN), A., i, 779.

2-*o*-(or *m*-)Toluoylbenzoic acid, 3:6-*di*chloro-3′-(or 2′-)hydroxy-, and 3:6-*di*chloro-5′-(or 6′-)hydroxy, its sodium salt and its *mono*bromo-derivative (WALSH and WEIZMANN), T., 689.

(*Tolyl compounds, Me*=1.)

2'-Toluoyldiphenyl sulphide, 2:4-*di*nitro- (MAYER), A., i, 262.

Toluquinolbenzein (2:7-*dihydroxy*-3:6-*dimethyl*-9-*phenylxanthen*-9-*ol*), and its derivatives (KEHRMANN and SILZER), A., i, 408.

Toluquinolphthalein, and its derivatives (KEHRMANN and SILZER), A., i, 407.

o-**Toluquinoneimine**, amino-, nitrate (PICCARD), A., i, 66.

Toluresazine (HEIDUSCHKA and SCHELLER), A., i, 397.

m-**Tolyl** ether, *di*- and *tetra*bromo- (COOK), A., i, 731.

p-**Tolyl** methyl ether, 6-chloro-3-amino-, and its acetyl derivative and 3:6-*di*chloro- (DE VRIES), A., i, 29.

sulphide *di*bromide and sulphoxide, 2-bromo-, sulphide, sulphide *di*bromide, sulphoxide and sulphone, 2:5-*di*bromo-, sulphide, sulphide *di*bromide, and sulphoxide (ZINCKE and FROHNEBERG), A., i, 315.

p-**Tolyl** *di*sulphide, 2-amino-, and its sulphate and acetyl derivative (FICHTER and BERNOULLI), A., i, 21.

*tri*sulphide (HOLMBERG), A., i, 165.

m-**Tolylacetonitrile**, *p*-amino-, and its salts, *p*-hydroxy-, and *p*-nitro- (BARGER and EWINS), T., 2256.

4-*p*-Tolylamino-1-anthrapyrimidone (FARBENFABRIKEN VORM. F. BAYER & Co.), A., i, 445.

Tolyl-5-arsenious oxide, 2-amino- (FARBWERKE VORM. MEISTER, LUCIUS, & BRÜNING), A., i, 84.

Tolyl-5-arsinic acid, 4-amino- (BENDA), A., i, 148.

2- and **3-Tolylarsinic acids**, 4-amino-, and sodium salt of the latter (FARBWERKE VORM. MEISTER, LUCIUS, & BRÜNING), A., i, 531.

p-**Tolyazoimide** (DIMROTH and PFISTER), A., i, 904.

p-**Tolylbenzylsulphone** (V. MEYER), A., i, 316.

p-**Tolyl butyl** and *iso*-**butyl ketones** (WILLGERODT and HAMBRECHT), A., i, 118.

p-**Tolyl-butyric** and *iso*-**butyric acids**, and their amides (WILLGERODT and HAMBRECHT), A., i, 118.

p-**Tolylcarbamide**, 3-iodo- (WHEELER and LIDDLE), A., i, 17.

p-**Tolyl** *tri*-**chloromethyl** sulphide, and 2-bromo- (ZINCKE and FROHNEBERG), A., i, 315.

o-**Tolyl-1:3-*di*chlorophenyliodonium** hydroxide and its salts (WILLGERODT and BÖLLERT), A., i, 828.

(*Tolyl compounds, Me*=1.)

p-**Tolyldimethylcarbinol** (SMIRNOFF), A., i, 104.

Tolyldimethylcarbinol, *o*-hydroxy- (GUILLAUMIN), A., i, 477.

1-*o*-Tolyl-3:4-dimethylpyrazole, 5-chloro- and its methiodide (MICHAELIS and LEO), A., i, 514.

1-*o*-Tolyl-3:4-dimethyl-5-pyrazolone (MICHAELIS and LEO), A., i, 514.

Tolylenediamine poisoning (JOANNOVICS and PICK), A., ii, 435.

p-**Tolylethylallylcarbinol** (GRISHKEWITSCH-TROCHIMOWSKY), A., i, 108.

β-*m*-Tolylethylamine, 4-hydroxy-, and its derivatives (BARGER and EWINS), T., 2257; P., 248.

d- and *l*-**α-*p*-Tolylethylamine** (STENBERG), A., i, 241.

p-**Tolylethylsulphone** (V. MEYER), A., i, 316.

9-*m*-Tolylfluorene, *p*-hydroxy-, and its acetate (BISTRZYCKI and V. WEBER), A., i, 743.

9-*m*-Tolylfluorene-9-carboxylic acid, *p*-hydroxy-, and lactones of *o*- and 6'-hydroxy- (BISTRZYCKI and V. WEBER), A., i, 743.

9-*p*(?)-Tolylfluorene-9-carboxylic acid, *o*-hydroxy-, lactone of (BISTRZYCKI and V. WEBER), A., i, 743.

o-**Tolylglycine-5-arsinic acid** (FARBWERKE VORM. MEISTER, LUCIUS, & BRÜNING), A., i, 84.

o-**Tolylhydrazinomethylenemalonic acid**, ethyl ester (MICHAELIS and ZIESEL), A., i, 513.

p-**Tolylhydrazonemesoxalylbishydrazonetoluene-*p*-azoacetoacetic acid**, ethyl ester (BÜLOW and BOZENHARDT), A., i, 206.

p-**Tolylideneanthranilic acid** (WOLF), A., i, 735.

p-**Tolylimino-*p*-chlorophenyl-*p*-chlorostyrylmethane**, isomeric forms of, and their picrates and hydrochlorides (STRAUS and ACKERMANN), A., i, 242.

o-, *m*-, and *p*-**Tolylmenthylbenzamidines**, and their hydrochlorides and platinichlorides (COHEN and MARSHALL), T., 331.

Tolyl-4-mercaptan sulphate, 2-amino- (FICHTER and BERNOULLI), A., i, 21.

s-*p*-**Tolylmethoxymethylthiocarbamide** (JOHNSON and GUEST), A., i, 730.

1-*o*-Tolyl-3-methylpyrazole, 4-bromo- (MICHAELIS and KÄDING), A., i, 516.

p-**Tolylmethylsulphone** (V. MEYER), A., i, 316.

1-*p*-Tolyl-5-methyl-1:2:3:4-tetrazole (DIMROTH and DE MONTMOLLIN), A., i, 899.

(*Tolyl compounds*, *Me* = 1.)
2-*p*-Tolylnaphthatriazole (CHARRIER), A., i, 287.
3-*p*-Tolyl-*β*-naphtha*iso*triazoles (MORGAN and BRAMLEY), P., 151.
***p*-Tolyl-*β*-naphthylamine**, thio- (ACKERMANN), A., i, 728.
***p*-Tolyl-1:2-naphthylenediazoimines**. See 3-*p*-Tolyl-*β*-naphtha*iso*triazoles.
***p*-Tolyl-*α*-naphthylmethylcarbinol** (SCHURAKOVSKY), A., i, 169.
***α*-*o*-** and ***p*-Tolyloxypropane**, *γ*-chloro-*β*-hydroxy-, and their phenylurethanes (BOYD and MARLE), T., 1790; P., 208.
***p*-Tolylpropyl-** and ***iso*-propylcarbinols** (GRISHKEWITSCH-TROCHIMOWSKY), A., i, 109.
***p*-Tolyl propyl ketone**, and its phenylhydrazone (WILLGERODT and HAMBRECHT), A., i, 118.
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ERRATA.

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Page	Line	Col.	
1185	15–16*	ii	*insert* "**Tilden** (*Sir*) *William Augustus*, Mendeléeff memorial lecture, T., 2077."

Vol. XCVIII (Abstr., 1910).

Part I.

Page	Line		
i, 14	12	*for*	"*Decalene* ακ-*dithiol*" read "*Decylene* ακ-*dithiol*."
i, 58	1		
i, 58	3	,,	"4-chloroxanthone" *read* "3-chloroxanthone."
i, 58	9		
i, 58	16	,,	"4-*bromoxanthone*" read "3-*bromoxanthone*."
i, 89	9	,,	"$C_8H_{13}O_2Br$" *read* "$C_7H_{12}O_2$."
i, 141	10	,,	"$C_{12}H_5ON_4Cl_4$" *read* "$C_{12}H_5ON_3Cl_4$."
i, 141	14		
i, 141	19, 20	,,	"-2:1:3-*benztetrazole*" read "-2:1:3-*benztriazole*."
i, 214	5*		
	2*	,,	"*dl*-Hydroxyerythronic acid" *read* "*dl*-oxyerythronic acid.'
i, 215	3		
	6		
i, 260	18*	,,	"*Sulphonyldibenzoic*" read "*Sulphinyldibenzoic*."
i, 311	1*	,,	"Abstr., 1909, i, 4" *read* "this vol., i, 4."
i, 330	2	,,	"Henrichsen" *read* "Hinrichsen."
i, 350	9*	,,	"Jose R. Carracido" *read* "Jose Rodriguez Carracido."
i, 351	8	,,	"932" *read* "934."
i, 357	6	,,	"*ethyl anilino-*" read "*ethylanilino-*."
i, 371	14*	,,	"2:4-*Dinitrophenyl*-dl-*leucine*" read "*Chloro*-2:4-*dinitro*-dl-*leucine*."
i, 376	11*	,,	"$C_6H_4\langle\overset{CH}{\underset{C(OH)}{}}\rangle C_6H_2(OH)_2\cdot SO_3Na$" *read* "$C_6H_4\langle\overset{CH}{\underset{C(OH)}{}}\rangle C_6H(OH)_2\cdot SO_3Na$."
i, 415	19	,,	"Julius" *read* "Johannes."
i, 433	17	,,	"*ω-Bromo-*" read "*ω-Chloro-*."
i, 435	1	,,	"1-*phenyl*-3-*methyl*-5-*hydroxymethylpyrazolone*" read "1-*phenyl*-3-*methyl*-5-*hydroxymethylpyrazole*."
i, 471	21	,,	"*acetyl*-p-*nitrophenylethylmethylamine*" read "*acetylphenylethylmethylamine*."
i, 495	6	,,	"*mesodianthrone*" read "*mesobenzdianthrone*."
i, 500	16*	,,	"3-*oxy*-(1)-*thiosalicylic acid*" *read* "3-oxy-(1)-thionaphthen."
i, 574	16*	,,	$CH{=}CMe$ / CH_2 / $C{:}N{\cdot}OH$ / C / CH_2 / $CMe_2{\cdot}OH$ *read* $CH{=}CMe$ / CH_2 / $C{:}N{\cdot}OH$ / CH / CH_2 / $CMe_2{\cdot}OH$.
i, 574	10*		
	9*		*delete* commas preceding and following "however."
i, 882	21*		
	25*	*for*	"9:10-Dimethylphenanthridene" *read* "9:10-Dimethylphenanthridine."

* From bottom.

PART II.

Page	Line	
ii, 81	22	*for* "SUZUKII" *read* "SUZUKI."
ii, 120	2*	,, "28 atmospheres" *read* "280 atmospheres."
ii, 162	14	,, "1910" *read* "1909."
ii, 250	20	,, "23—32" *read* "23—37."
ii, 366	2*	,, "much less" *read* "much more."
ii, 381	11	,, "BAUER" *read* "BAUR."
ii, 410	3	,, "1910" *read* "1909."
ii, 501	17*	,, "CASTELLANA" *read* "CASTELLANI."
ii, 572	25	,, "in water vapour" *read* "as water vapour."
ii, 578	25	,, "effect" *read* "affect."
ii, 581	9	,, "$\beta\gamma$" *read* "$\beta\nu$."
ii, 581	18	,, "$A = -T\int Q/T_2 dT$" read "$A = -T\int QT_2 dT$."
ii, 630	18	,, "potassium" *read* "calcium."
ii, 668	16	,, "Grignard" *read* "Guignard."
ii, 707	18	,, "ii, 557" *read* "ii, 120."
ii, 747	17	,, "ALEXANDRON" *read* "ALEXANDROFF."
ii, 793	4*	,, "Newton" *read* "Overton."
ii, 796	19*	,, "alcaptan" *read* "alcapton."
ii, 799	20 / 24	,, "*phymonthiensis*" read "*plymouthiensis.*"
ii, 838	4*	*insert* "sodium" *before* "dihydrogen."
ii, 1129	23*	(column 1) *for* "**Arnold**, *W.*," *read* "**Arnold**, *Vinzenz.*"

* From bottom.